

Contents

(Abstracted/indexed in: Chemical Abstracts; Current Contents: Physical, Chemical and Earth Sciences; INSPEC; PASCAL/CNRS)

In situ investigation of the adsorption of styrene phosphonic acid on cassiterite by FTIR-ATR spectroscopy K.J. Kuys and N.K. Roberts (Tasmania, Australia)	1
Ostwald ripening in two-component disperse phase systems: Application to emulsion stability A.S. Kabel'nov, A.V. Pertsov and E.D. Shchuckin (Moscow, U.S.S.R.)	19
Adsorption thermodynamics of carbofuran on Sn(IV) arsenosilicate in H^+ , Na^+ and Ca^{2+} forms A.A. Khan and R.P. Singh (Aligarh, India)	33
Newton black films stabilized with insoluble monolayers obtained by adsorption from the gas phase D. Exerowa, R. Cohen and A. Nikolova (Sofia, Bulgaria)	43
An indirect measurement of negative adsorption M.C.H. Mouat (Palmerston North, New Zealand)	51
Anionic surfactants-water systems: Specific refractive index, specific volume and viscosity M. Galán Vallejo and M.A. López Torres (Puerto Real, Spain)	59
Structural and dynamic features of concentrated non-aqueous dispersions I. Marković and R.H. Ottewill (Bristol, United Kingdom)	69
The effect of additives on release from w/o/w emulsions N. Garti, A. Romano-Pariente and A. Aserin (Jerusalem, Israel)	83
Interfacial behaviour of binary polymer mixtures. II. Competitive polymer adsorption and its effect on the stability of colloidal dispersions F. Csempeš, S. Rohrsetzer and P. Kovács (Budapest, Hungary)	101
Revisiting the rotational isomerism of Aerosol OT from the selective heteronuclear nuclear Overhauser effect A. Maitra, Dinesh and M. Varshney (Delhi, India)	119
Sessile-drop contact angle measurements using axisymmetric drop shape analysis J.K. Spelt, Y. Rotenberg, D.R. Absolom and A.W. Neumann (Toronto, Canada)	127
Adsorption kinetics at the oil/water interface J. Van Hunsel and P. Joos (Wilrijk, Belgium)	139
Polyethyleneglycol adsorption at the TiO_2 - H_2O interface: distortion of ionic structure and shear plane position A. M'Pandou and B. Siffert (Mulhouse, France)	159
Rheological studies of asphaltene films adsorbed at the oil/water interface D.D. Eley, M.J. Hey and M.A. Lee (Nottingham, United Kingdom)	173
Particle concentration effects on shear coagulation in the presence of repulsive interparticle forces R.L. Zollars and S.I. Ali (Pullman, WA, U.S.A.)	183
Polystyrene latex particle surface characteristics W.M. Brouwer and R.L.J. Zsom (Arnhem, The Netherlands)	195
Stability of thin liquid films on Langmuir-Blodgett layers on silica surfaces H.J. Schulze and J.O. Birzer (Freiberg, G.D.R.)	209
The formation of gel-emulsions in a water/nonionic surfactant/oil system H. Kunieda (Yokohama, Japan), C. Solans (Barcelona, Spain), N. Shida (Yokohama, Japan) and J.L. Parra (Barcelona, Spain)	225

Coupling between interfacial protein adsorption and bulk diffusion. A numerical study P. Schaaf and Ph. Dejardin (Strasbourg, France)	239
Exchange and competitive adsorption of polyelectrolytes on barium sulphate J.A. Wright, R. Harrop, P.A. Williams (Deeside, United Kingdom), G. Pass (Salford, United Kingdom) and I.D. Robb (Port Sunlight, United Kingdom)	249
The effects of cell windows on the optical reflectance of diffusely-scattering materials R.J. Birkett, A. Clark (Sharnbrook, United Kingdom) and G.H. Meeten (London, United Kingdom)	259

*Special issue: Nonaqueous Colloids. A Collection of Papers Presented at the 5th
International Conference on Surface and Colloid Science and the 59th Colloid and
Surface Science Symposium, Potsdam, NY, U.S.A., June 1985.*

Preface	267
The stability of non-aqueous dispersions of weakly interacting particles B. Vincent (Bristol, United Kingdom)	269
Colloidal stabilization of clays by asphaltene in hydrocarbon media B.J. Marlow (Naperville, IL, U.S.A.), G.C. Sresty (Chicago, IL, U.S.A.), R.D. Hughes and O.P. Mahajan (Naperville, IL, U.S.A.)	283
Steric stability of alkoxy-precipitated TiO ₂ in alcohol solutions T.E. Mates and T.A. Ring (Cambridge, MA, U.S.A.)	299
Sedimentation behaviour of low surface energy powders in different non-polar liquid systems E.I. Vargha-Butler, E. Moy and A.W. Neumann (Toronto, Canada)	315
Critical phenomena in nonaqueous microemulsions S.E. Friberg and Y.-C. Liang (Rolla, MO, U.S.A.)	325
Conformation of the polar part in the AOT inverted micelles. Gadolinium ion-induced spin- lattice relaxation studies H. Okabayashi, K. Taga, K. Tsukamoto (Nagoya, Japan), K. Matsushita, O. Kama (Tokyo, Japan) and K. Yoshikawa (Tokushima, Japan)	337
Micelle formation of diacylglycerophosphocholine in organic solvents. II. Measurements of microenvironmental characteristics by fluorescence quenching Y. Maeda and M. Hayashi (Chiba, Japan)	353
Applications of nonaqueous colloids V. Novotny (San Jose, CA, U.S.A.)	361

End of special issue papers

Author Index	377
Subject Index	378
Contents (Volume 24)	381

